CHANGE IN SATURATED THICKNESS AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER PREDEVELOPMENT TO 1999-2001

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by the Kansas Geological Survey in cooperation with the Southwest Kansas Groundwater Management District

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This map is based on data from the Ogallala and undifferentiated Quaternary units and, as such, does not represent conditions in other aquifer units (e.g., Dakota, alluvial systems).

R43W R42W R41W R40W R39W R38W R37W R36W R35W R34W R33W R32W R31W R30W R29W R28W R27W

T21S T22S T23S T24S T25S T26S T27S T28S T29S T30S T31S T32S T33S T34S T35S

HAMILTON KEARNY FINNEY GRAY FORD

R26W R25W R24W R23W R22W R21W

STANTON GRANT HASKELL MORTON STEVENS SEWARD MEADE

Johnson City Ulysses Sublette

Section corner
Township boundary
Major highway
Streams
Fault zone
County boundary
Southwest Kansas Groundwater Management District boundary
County seat

Arkansas River
Bear Creek Fault
Crooked Creek Fault
Pawnee Creek Fault

Outcrops of Formations older than the Ogallala
Arkansas River alluvium underlain by bedrock
High Plains aquifer boundary
Thinly saturated or unsaturated formations
Saturated regions with little or no data

Change in saturated thickness in feet

0 - 24	100 - 124
25 - 49	125 - 149
50 - 74	150 - 211
75 - 99	Estimated increase in saturated thickness

RF = 1:300,000

5 0 5 10 Miles

One inch equals approximately 5 miles

Projection: Albers Equal Area
Standard Parallels: 37 18 40 and 37 56 49 degrees North
Central Meridian: -100 47 58 degrees West
Latitude of Origin: 36 52 30 degrees North